

# CEMENT JOB REPORT



CUSTOMER ENCANOA OIL & GAS (USA) INC		DATE 27-MAR-12	F.R. # 1001897790	SERV. SUPV. RYAN SULLIVAN	
LEASE & WELL NAME PRATT #21-29 - API 05123324280000		LOCATION 29-1N-68W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # ENSIGN 122		TYPE OF JOB Surface	
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES MD TVD
Cement Plug, Rubber, Top 8-5/8 in	Centralizer, with Pins, 8-5/8 in	/	/	/	/
	Cement Basket, Slip On, 8-5/8 in				
	Guide Shoe, Cement Nose, 8-5/8 in				
	Insert Float, STC, 8-5/8 - 8rd				
MATERIALS FURNISHED BY BJ		LAB REPORT NO.			
Fresh Water	N/A	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
Fresh Water + Dye	N/A	0	8.34	0	0
Type III + 1.5% CaCl <sub>2</sub> + 15% CF	C0310412	365	14.5	1.41	6.82
Fresh Water	N/A	0	8.34	0	0
Available Mix Water 200 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL 187.6 59.39	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
12.25	40	931	8.097	8.625	24
		CSG	MD	TVD	GRADE
		921	921	J-55	SHOE
					921
					879
					0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT	TYPE	MD	TVD
		BRAND & TYPE		DEPTH	
		No packer		0	
				TOP	
				BTM	
				SIZE	
				8.625	
				THREAD	
				8RD	
				WELL FLUID	
				WATER BASED	
				WGT.	
				8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
56	BBLS	Fresh Water	8.34	279	0
				SQ. PSI	
				0	
				MAX TBG PSI	
				0	
				MAX CSG PSI	
				2360	
				Operator	
				1000	
				MIX WATER	
				Rig	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1.5		
Mud Density In: 8.4 LBS/GAL			Mud Density Out: 8.4 LBS/GAL		
PV & YP Mud In: 0			PV & YP Mud Out: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			Units: Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		
Displacement And Mud Removal					
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Amount Bled Back After Job: .2 BBLS		
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			Method Used to Verify Returns: Visually		
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 6		
			Type: <input checked="" type="checkbox"/> BOW <input type="checkbox"/> RIGID		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD					
Plugs					
Number of Attempts by BJ: 0			Competition: 0		
Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Top of Plug: 0 FT		
			Bottom of Plug: 0 FT		
Squeezes (Update Original Treatment Report for Primary Job)					
BLOCK SQUEEZE <input type="checkbox"/>			SHOE SQUEEZE <input type="checkbox"/>		
TOP OF LINER SQUEEZE <input type="checkbox"/>			PLANNED <input type="checkbox"/>		
			UNPLANNED <input checked="" type="checkbox"/>		
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
			PSI Applied: 0		
			Fluid Weight: 0 LBS/GAL		
Casing Test (Update Original Treatment Report for Primary Job)					
Casing Test Pressure: 0 PSI			With 0 LBS/GAL Mud		
Time Held: 00 Hours 00 Minutes					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None					



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## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT      Target EMW: 0 LBS/GAL      Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0      Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 None

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	3928 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
06:45	0	0	0	0	N/A	Yard call	
09:20	0	0	0	0	N/A	Arrive on location, csg done, rig circulating well, 22 miles	
09:25	0	0	0	0	N/A	Spot trucks on location, pre-rig up safety meeting	
10:15	0	0	0	0	N/A	Pre-job safety meeting	
10:32	943	0	0	0	WATER	Low pressure test	
10:34	3928	0	0	0	WATER	High pressure test	
10:36	51	0	4.5	30	WATER	Freshwater	
10:44	25	0	3.3	10	WATER	Dyed water spacer	
10:52	51	0	3.6	82	CEMENT	Batch-up, weigh, & pump 365 sx of Type III Cement + 0.08 lbs/sk Static Free + 1.5% CaCl + 0.15 lbs/sk Cello Flake @ 14.5 ppg	
11:28	0	0	0	0	N/A	Release plug	
11:30	205	0	4.6	40	WATER	Displace	
11:40	230	0	3.5	5	WATER	Rate change	
11:42	278	0	2.4	10	WATER	Rate change	
11:45	326	0	2.3	55	WATER	Bump plug to 535 psi, bled down to 127 psi, shut-in cement head per customer request	
11:50	0	0	0	0	N/A	Pre-rig down safety meeting	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	326	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	8	177	127	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



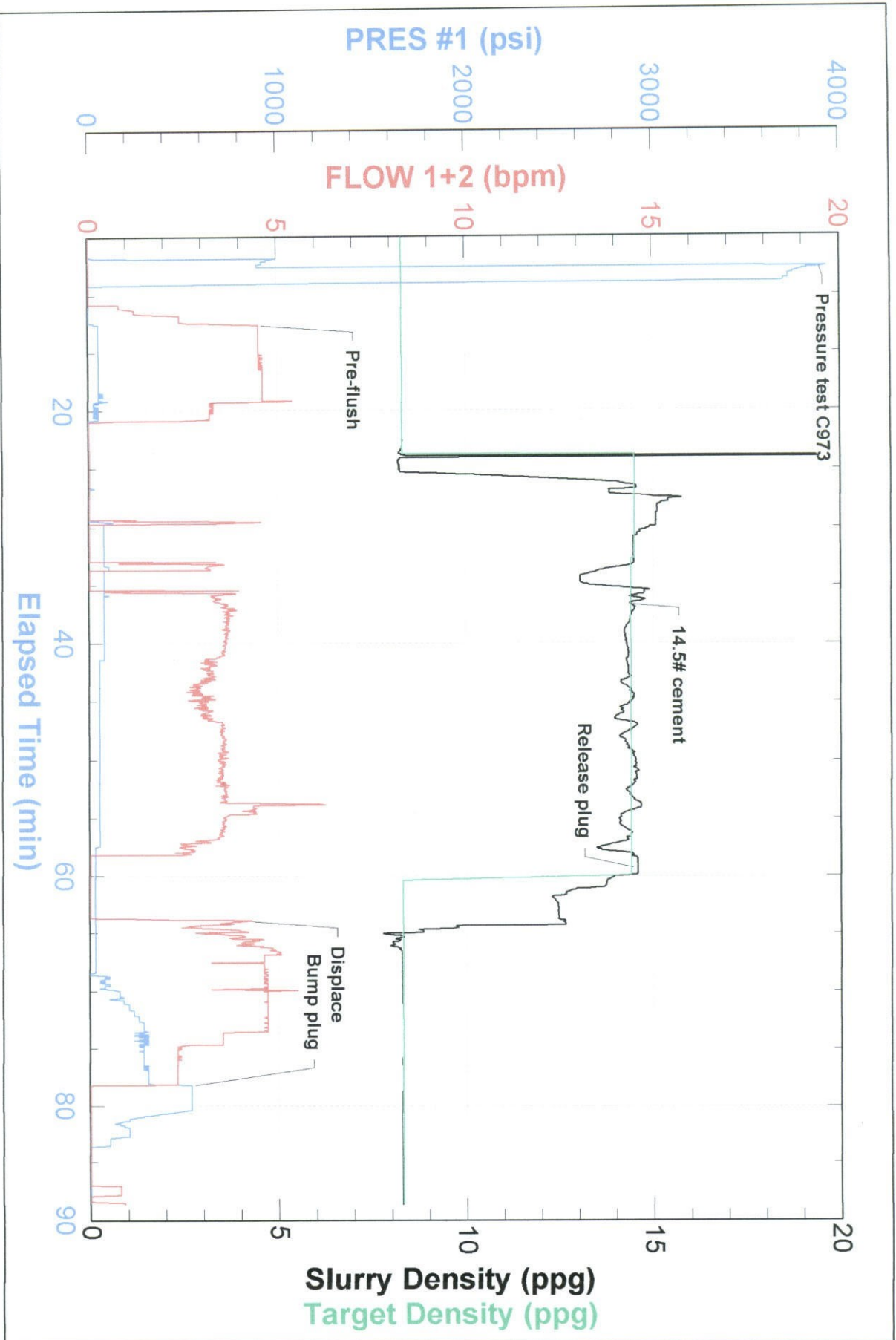


**BJ Services JobMaster Program Version 3.50**

**Job Number: 1001897790**

**Customer: encana**

**Well Name: Pratt #21-29**







FIELD RECEIPT NO. 1001897790

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